

Peak District National Park

Forecast valid from 06:00 on Sunday 13 Nov 2022 until 23:59 on Monday 14 Nov 2022

Forecast Issued on Sunday 13 Nov 2022 at 03:39

Confidence: High for mild south to southeast flow for Sunday, then increasingly unsettled from Monday, but lower for cloud detail Sunday and timing of worst of conditions from Monday.

Headline for Sunday 13 Nov 2022: Extensive low cloud perhaps persisting in places. Breezy but dry and mild with some sunshine at height.

Mountain weather hazards on Sunday 13 Nov 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
			FOG	FOG	FOG
Sunny	Sunny	Sunny	Fog	Fog	Fog
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 13 Nov 2022

Weather: Extensive low cloud is likely across the south and east of the Park, perhaps persisting in places throughout. Otherwise mild and dry, with some lengthy sunny periods given some elevation, with these conditions perhaps developing in parts of the north and west more generally. Cloud should thicken and become more extensive once again into the evening.

Chance of cloud-free hill tops above 600m: 95% becoming 80% from mid-morning

Low cloud and visibility: Good at height, but very poor in many valleys, perhaps throughout.

Forecast for Sunday 13 Nov 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/31 SE	22/30 SE	21/31 SE	21/30 SE	22/30 SE	22/31 SE	19/27 SE
300	14/24 SE	15/26 SE	11/18 S	12/23 SE	16/28 SE	12/23 SE	9/14 SE
Valley	6/12 E	6/15 E	5/11 E	8/18 E	10/25 E	9/19 E	7/13 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/10	15/11	14/10	14/10	13/8	12/7	11/7
300	13/10	15/12	14/12	15/12	14/10	12/9	11/9
Valley	12/11	13/12	14/14	14/13	12/10	11/9	11/10
Freezing Level*	2500m	2400m	2400m	2300m	2300m	2300m	2200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Thickening low cloud later in the afternoon may hamper late descents, with the strong wind an added hazard.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 13 Nov 2022	0mm	0mm	0mm

Forecast for Monday 14 Nov 2022

Weather: Some limited early clear then brighter spells, otherwise turning increasingly cloudy with patchy rain or drizzle feeding from the west from late morning, which lingers for the afternoon before clearing as well broken cloud follows from the west during the evening.

Maximum wind: South to southeast 15 mph or less

Chance of cloud-free hill tops above 600m: 70% at first becoming 10-20% from mid-day

Low cloud and visibility: Good or very good, becoming moderate or poor in light rain or drizzle, very poor within cloud with bases becoming extensive from 500 m by mid-day.

Temperature: **Valleys:** Plus 6 Celsius rising 16 Celsius during the afternoon
At 600m: Plus 8 Celsius
Freezing level: Above summits